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www.philips.com/welcome

DS9800W

EN **User manual**

PHILIPS

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1 Important

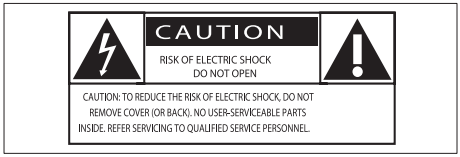
Safety

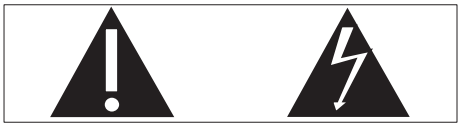
Mains fuse

This information applies only to products with a UK mains plug.
This product is fitted with an approved molded plug. If you replace the fuse, use one with:

- the ratings shown on the plug,
- a BS 1362 approval, and
- the ASTA approval mark.

Contact your dealer if you are not sure about what type of fuse to use.
Caution: To conform with the EMC directive (2004/108/EC), do not detach the plug from the power cord.
Information for Europe:
Know these safety symbols


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT
REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS
INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The 'exclamation mark' calls attention to features for which you should carefully read the supplied literature to prevent operating and maintenance problems.
The 'lightening bolt' symbol indicates uninsulated components within the product that can cause an electric shock.
To reduce the risk of fire or electric shock, do not expose the product to rain or moisture and do not place any ojects filled with liquids, such as vases, on the product.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not remove the casing of this product.
9. Only use this product indoors. Do not expose the product to dripping / splashing water, rain or high humidity.
10. Keep this product away from direct sunlight, naked flames or heat.
11. Do not install near any heat sources such as radiators, heat registers, stoves, or other electrical equipment (including amplifiers).
12. Do not place any other electrical equipment on the product.
13. Do not place any sources of danger on the product (e.g. objects containing liquids, burning candles).
14. This product may include batteries. Please refer to safety and disposal instructions for batteries in this user manual.

Warning

- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never place this apparatus on other electrical equipment.
- Keep this apparatus away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect this apparatus from the power.
- For the WiFi SoundSphere speakers: Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- For the standalone docking charger: Where the plug of the Direct Plug-in Adapter is used as the disconnect device, the disconnect device shall remain readily operable.

Risk of overheating! Never install this apparatus in a confined space. Always leave a space of at least four inches around this apparatus for ventilation. Ensure curtains or other objects never cover the ventilation slots on this apparatus.

Notice

CE

This product complies with the radio interference requirements of the European Community.

CE 2150 ! R&TTE Directive 1999/5/EC

BG ✓	RO ✓	BE ✓	LT ✓	LI ✓	IS ✓	SE ✓
DK ✓	ES ✓	CZ ✓	NL ✓	AT ✓	LV ✓	SK ✓
FR ✓	UK ✓	FI ✓	PT ✓	CY ✓	MT ✓	PL ✓
HU ✓	NO ✓	GR ✓	SI ✓	EE ✓		
IT ✓	LU ✓	IE ✓	CH ✓	DE ✓		

The device can be operated in the EU without restrictions indoor, but cannot be operated outdoors in France in the whole of the band until further notice
This product complies with the requirement of the 1999/5/EC directive.

Modifications
Modifications not authorized by the manufacturer may void user's authority to operate this product.

Recycling

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:

Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.
Information about the use of batteries:

Caution

- Risk of leakage: Only use the specified type of batteries. Do not mix new and used batteries. Do not mix different brands of batteries. Observe correct polarity. Remove batteries from products that are not in use for a longer period of time. Store batteries in a dry place.
- Risk of injury: Wear gloves when handling leaking batteries. Keep batteries out of reach of children and pets.
- Risk of explosion: Do not short circuit batteries. Do not expose batteries to excessive heat. Do not throw batteries into the fire. Do not damage or disassemble batteries. Do not recharge non-rechargeable batteries.

Battery disposal information:
Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.
Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.

Environmental information
All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Made for iPod iPhone iPad

AirPlay

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

AirPlay, iPod, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc.

Class II equipment symbol:

CLASS II apparatus with double insulation, and no protective earth provided.

Note

- The type plate is located on the bottom of the apparatus.

2 Your Docking Entertainment System

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.
If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the bottom of the apparatus. Write the numbers here:
Model No.

_____
Serial No.

_____

Introduction

With this unit, you can:

- stream audio from your iOS 4.2 (or later) enabled device (e.g., an iPod touch/iPhone/iPad) wirelessly by AirPlay.
- stream audio from your Wi-Fi enabled PC or Mac installed with iTunes 10 wirelessly by AirPlay.
- play audio from other audio devices through the MP3 link socket.
- charge your iPod/iPhone/iPad through the supplied standalone docking charger.

What's in the box

Check and identify the contents of your package:

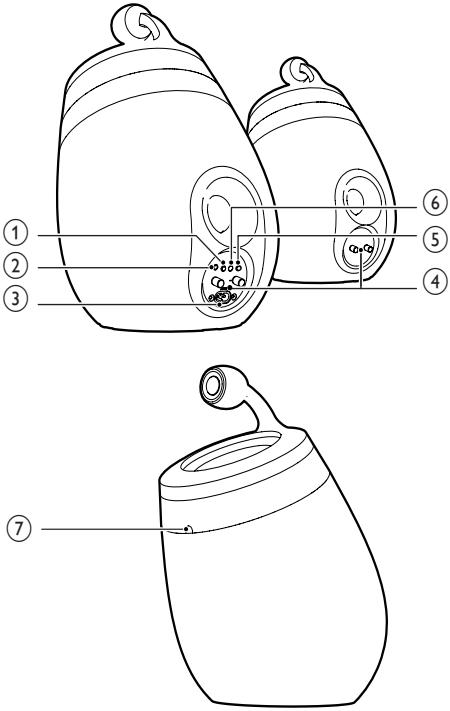
- 2 x SoundSphere speakers
- 1 x speaker connection cable
- 1 x remote control with battery (for the speakers)
- 1 x AC power cord (for the speakers)
- 1 x MP3 link cable (for the speakers)
- 1 x standalone iPod/iPhone/iPad docking charger (for charge only)
- 1 x AC power adapter (for the docking charger)
- User manual
- Quick start guide

What else you need

To stream audio wirelessly by AirPlay, you need:

- A wireless router that is powered on and working properly.
- An AirPlay device (e.g., an iOS 4.2 (or later) enabled iPod touch/iPhone/iPad or Wi-Fi enabled PC or Mac installed with iTunes 10).

Overview of the SoundSphere Speakers



1 ⏻
- Turn on/off the speakers.
- (Press and hold) reset the speakers.

2 MP3-LINK
- Socket for an external audio player.

3 ~ AC IN
- Power socket of the speakers.

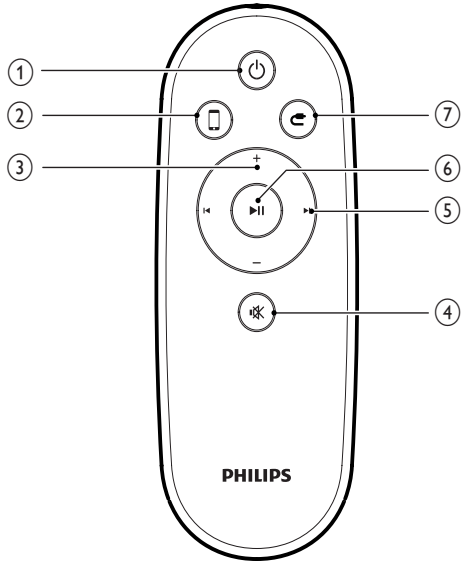
4 Speaker connectors (+/-)
- Connect the two speakers.

5 WiFi SETUP
- Connect the speakers to a Wi-Fi network.

6 LED indicator
- Show the current status of the speakers.

7 IR sensor

Overview of the remote control



1 ⏻
- Turn on/off the speakers.

2
- Select the AirPlay device audio source.

3 +/-
- Adjust volume.

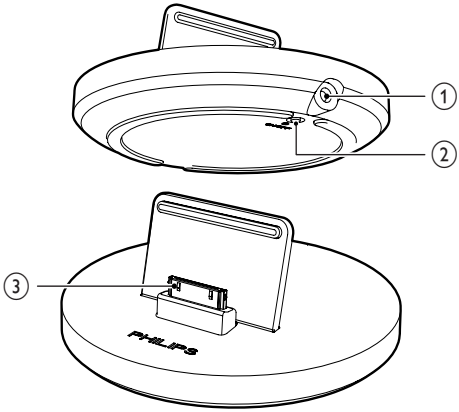
4
- Mute or restore volume.

5 ⏮ / ⏭
- Skip to the previous/next track.

6 ▶II
- Start or pause play.

7
- Select the MP3 link audio source.

Overview of the docking charger



① ~ DC IN
- Power socket of the docking charger.

② ON/OFF
- Switch on or off the LED light around the docking charger.

③ iPod/iPhone/iPad dock connector

3 Prepare

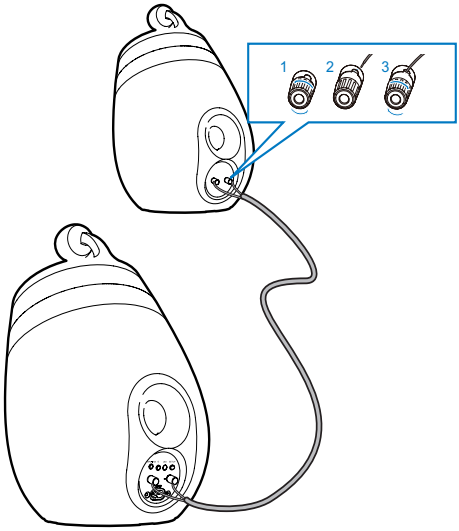
Always follow the instructions in this chapter in sequence.

Connect

Connect speaker cables

Note

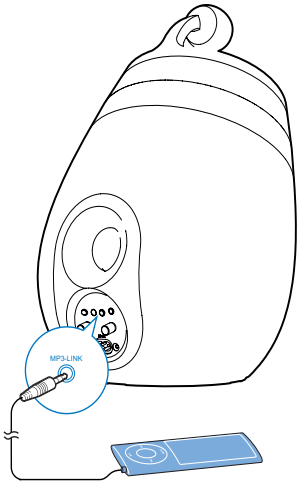
- Insert the stripped portion of each speaker wire into the socket completely.
- For optimal sound, use the supplied speakers only.



1 Unscrew the speaker connectors.
2 Insert fully the end of a speaker cable with red mark into the left red (+) connector.
3 Screw the left red (+) connector to secure the cable.
4 Insert fully the end of a speaker cable without red mark into the left black (-) connector.
5 Screw the left black (-) connector to secure the cable.
6 Repeat steps 2-5 to insert the other speaker cable into the right connectors.

Connect an audio player (optional)

You can also listen to an external audio player through the SoundSphere speakers.



- Connect the supplied MP3 link cable to:
  - the **MP3-LINK** jack (3.5mm) on the back of the main speaker.
  - the headphone jack on an external audio player.

Note

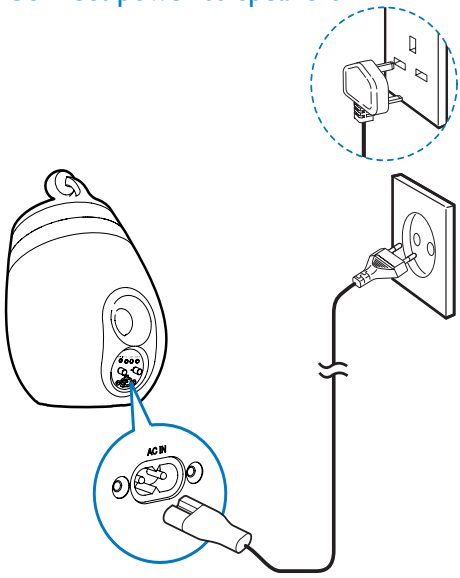
- To play audio from the connected audio player, first press ⇄ to select the MP3 link source.

Connect power

Caution

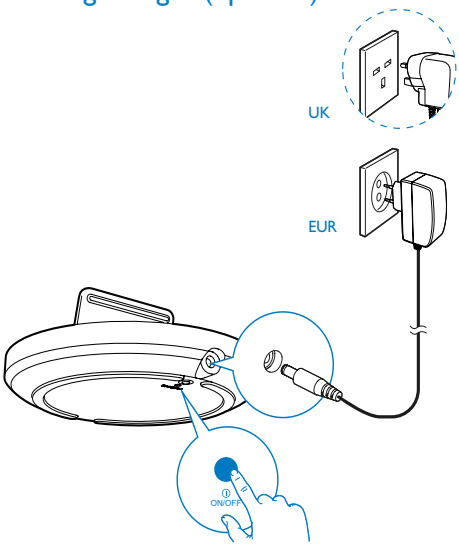
- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the bottom of the unit.
- Risk of electric shock! When you unplug the AC power cord, always pull the plug from the socket. Never pull the cord.
- Before connecting the AC power cord, make sure that you have completed all the other connections.

Connect power to speakers



- Connect the AC power cord to
  - the **~ AC IN** socket on the back of the main speaker.
  - the wall power socket.
  - It takes about 35 seconds for the speakers to boot up. During boot-up, the LED indicator on the back of the main speaker blinks in green quickly.
  - After boot-up, the LED indicator starts to blink in green slowly.

Connect power to standalone docking charger (optional)



- To charge your iPod/iPhone/iPad, connect the AC power cord to
  - the **~ DC IN** socket on the docking charger.
  - the wall power socket.

Switch to standby

The unit switches on automatically after power connection.

- To switch the unit to standby mode, press ⏻ on the back of the main speaker.
- To switch the unit on from the standby mode, press ⏻ again.

Prepare the remote control

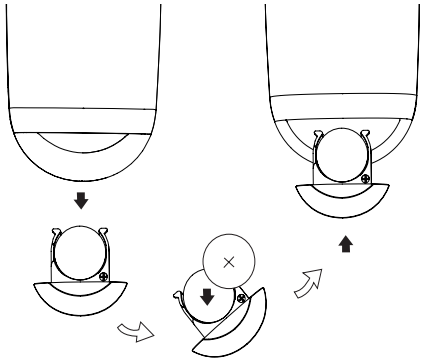
Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

For first-time use:

1 Remove the protective tab to activate the remote control battery.

To replace the remote control battery:



1 Open the battery compartment.

2 Insert one CR2032 battery with correct polarity (+/-) as indicated.

3 Close the battery compartment.

Note

- Before pressing any function button on the remote control, first select the correct source with the remote control instead of the main unit.
- If you are not going to use the remote control for a long time, remove the battery.

4 Set up a Wi-Fi network for AirPlay

Note

- Some operations may vary as you use different types of wireless routers.

The SoundSphere speaker system is compatible with the following iPod/iPhone/iPad models:

- iPad 2
- iPad
- iPhone 4
- iPhone 3GS
- iPod touch (2nd, 3rd, and 4th generation)

Before setup of the Wi-Fi network, check the points below.

1 Make sure that the wireless router is powered on and working properly.

2 Make sure that the LED indicator on the back of the main speaker blinks in green slowly.

3 Check the type of the wireless router you use.

Connect speakers to a Wi-Fi network (router)

Select a scenario below that matches your router type.

Note

- Each time when the speakers are powered on again, the speakers enter the latest configured Wi-Fi network automatically.
- In case of setup failure, repeat the steps, or press and hold ⏻ on the back of the main speaker and try again.

Scenario 1: Connect to a WPS-PBC router

1 Press **WiFi SETUP** on the back of the main speaker.
   ↳ The LED indicator blinks in red, green and yellow alternately.

2 Press the WPS button on the wireless router.
   ↳ After a while, the LED indicator stops blinking and stays green, and the main speaker beeps.
   ↳ The speakers join the Wi-Fi network successfully.

Tip

- To change the name of the SoundSphere speakers for AirPlay, proceed with steps 2 to 7 in 'Scenario 2: Connect to a non-WPS router' below.
- For some wireless routers, you may need to hold the WPS button for WPS connection. See the user manuals of the specific routers for details.

Scenario 2: Connect to a non-WPS router

You can connect the speakers to a non-WPS router through

- an iOS 4.2 (or later) enabled iPod touch/iPhone/iPad
- a Wi-Fi enabled PC or Mac installed with iTunes 10

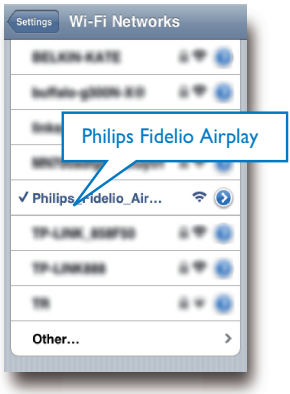
Connect DS9800W to your iPod touch/iPhone/iPad or PC/Mac

1 Press and hold **WiFi SETUP** on the back of the main speaker for more than 5 seconds.
   ↳ The LED indicator blinks in green and yellow alternately.

2 Wait for about 45 seconds so that **Philips Fidelio AirPlay** is available in the list of Wi-Fi networks.

3 Select **Settings** -> **Wi-Fi** on your iPod touch/iPhone/iPad.
   • Or enter the list of available wireless networks on your PC/Mac.

4 Select **Philips Fidelio AirPlay** from the list of available networks.



5 Wait until successful Wi-Fi connection to the SoundSphere speakers.

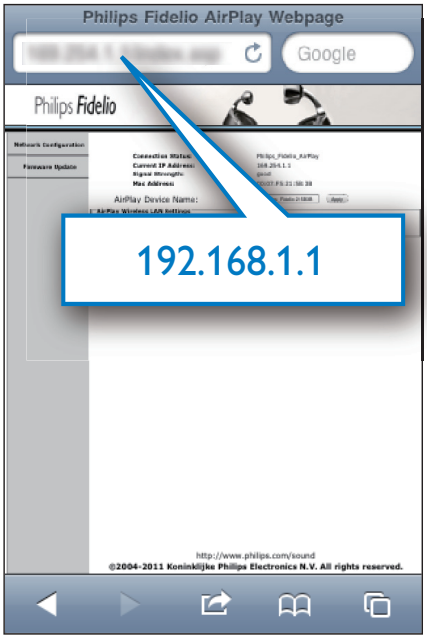
↳ A Wi-Fi signal icon is displayed on the iPod touch/iPhone/iPad or PC/Mac.

Configure Wi-Fi connection from DS9800W to your wireless router

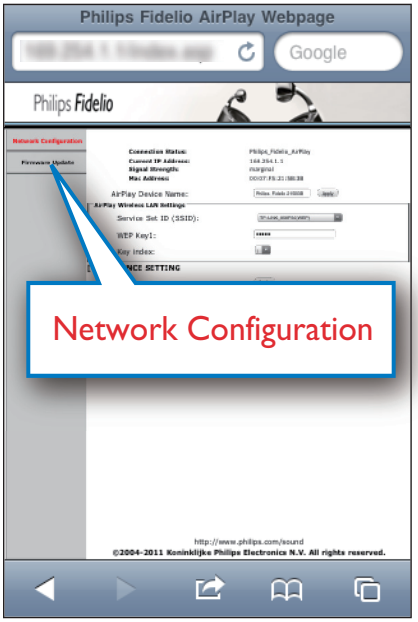
1 Open **Safari** on your iPod touch/iPhone/iPad, then type in **192.168.1.1** at the address bar.

- Or open **Safari** on your PC/Mac, then select 'Philips_Fidelio XXX' from the bonjour pull-down list.
- Or open another web browser on your PC/Mac, then type in **192.168.1.1** at the address bar.

  ↳ The DS9800W configuration page is displayed.



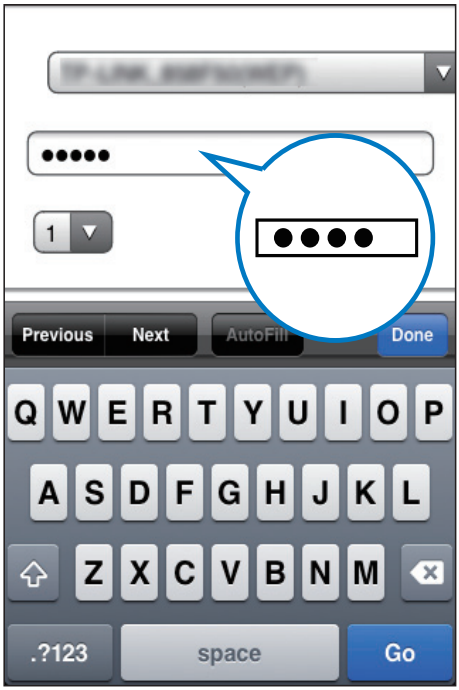
2 Select the **Network Configuration** tab.



3 Change the name of the SoundSphere speakers in **Airplay Device Name** if you like.

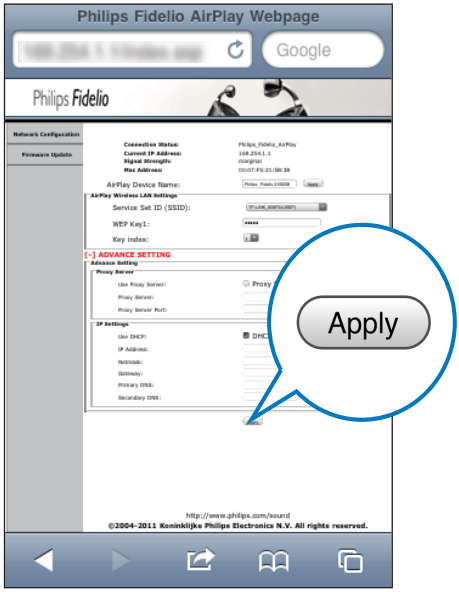
4 Select your router SSID from the pull-down list of **Service Set ID (SSID)**.

5 Enter your network key if required (for some routers, you may also need to tick **DHCP** under **Advance Setting**).



6 Click **Apply** at the bottom of the page to apply your settings.

↳ A menu for confirmation of your set parameters pops up.



7 Click **OK** on the popup menu to confirm your settings.

↳ After a while, the LED indicator stops blinking and stays green, and the main speaker beeps.

↳ The speakers join the Wi-Fi network successfully.

Connect an AirPlay device to the same Wi-Fi network

To work together with the SoundSphere speakers, your AirPlay device is required to join the same Wi-Fi network as the speakers.

1 Select **Settings** -> **Wi-Fi** on your iPod touch/iPhone/iPad.

- Or enter the list of available wireless networks on your PC/Mac.

2 Select your router SSID from the list of available wireless networks.

3 Wait until successful Wi-Fi connection to the router.

↳ A Wi-Fi signal icon is displayed on the AirPlay device.

5 Play

Stream audio from your AirPlay device

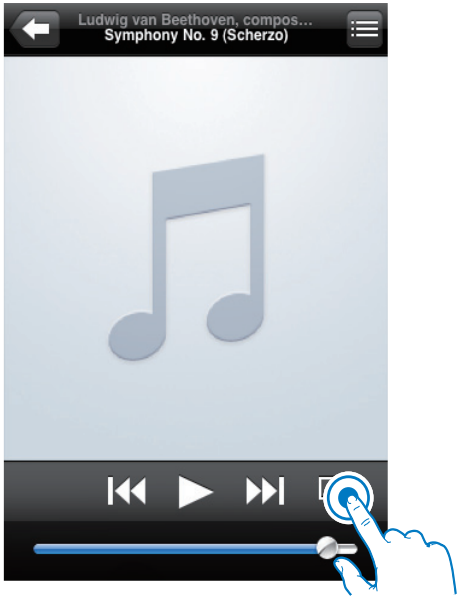
Note

- Make sure that the AirPlay device is connected to the same Wi-Fi network as the speakers.

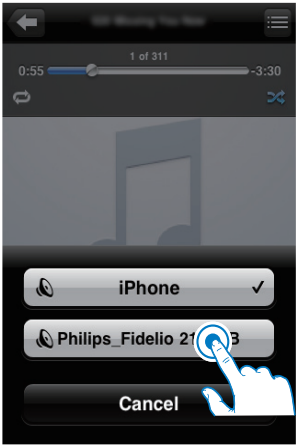
Stream from your iOS 4.2 (or later) enabled iPod touch/iPhone/iPad

1 Open **iPod**.

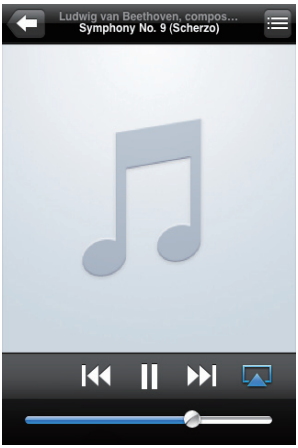
2 Tap on the AirPlay icon.



3 Select **Philips_Fidelio XXXX** (or user customized name) from the list.



4 Select a media file and start play.



5 Wait until successful audio streaming to the speakers.

Stream from your Wi-Fi enabled PC or Mac installed with iTunes 10

Note

- Before you open iTunes, make sure that you have enabled Bonjour service in your PC. To enable the service, you can click **Start**->**Settings**->**Control Panel**, and double-click **Administrative Tools**->**Services**->**Bonjour Service**, then click **Start** followed by **OK** on the pop-up menu.

1. Open iTunes 10.
2. Click the AirPlay icon at the bottom right corner of the window.
3. Select **Philips_Fidelio XXXX** (or user customized name) from the list.
4. Select a media file and start play.
5. Wait until successful audio streaming to the speakers.

Control play

You can select different play options from either your AirPlay device or the supplied remote control.

Note

- All the operations below are based on the supplied remote control.

- To start or pause play, press ▶II.
- To skip to the previous or next track, press I◀ / ▶I.
- To adjust volume, press **+/-** repeatedly.
- To mute or restore volume, press 🔇.
- To switch to the MP3 link source (if connected), press .
- To switch back to the AirPlay device source, press .

Advanced sound settings

For advanced sound settings and additional features, you can use your AirPlay device to download the **Philips Fidelio** application from Apple App Store.

Update firmware

Note

- You can only update the firmware from a PC/Mac.

Download the update file

1. On your PC/Mac, go to www.philips.com/support.
2. Enter the model number to find the latest firmware upgrade file available.
3. Save the upgrade file to your hard drive.

Update from the configuration page

1. Power on the SoundSphere speakers (see 'Prepare - Connect - Connect power - Connect power to speakers').
   - ↳ It takes about 35 seconds for the speakers to boot up. During boot-up, the LED indicator on the back of the main speaker blinks in green quickly.
   - ↳ After boot-up, the LED indicator starts to blink in green slowly.
2. Make sure that your SoundSphere speakers and PC/Mac are connected to the same wireless router.
3. Open **Safari** on your PC/Mac, then select 'Philips_Fidelio XXX' from the bonjour pull-down list.
   - Or open the web browser on your PC/Mac, then type in the IP address of DS9800W (available on the router configuration page) at the address bar.

↳ The DS9800W configuration page is displayed.

4 Select the **Firmware Update** tab, then follow the on-screen instruction to enter the next page.

5 Click **Browse** to select the downloaded firmware update file, then click **Open**.

6 Click **Upload** to upload the file, then compare the current and new file versions.

7 After you make sure that the downloaded update file is the latest, click **Ok** to start firmware update.
↳ A progress bar is displayed.

8 At completion of the update process, click **Ok** to confirm.

Charge your iPod/iPhone/iPad with the standalone dock

You can charge your iPod/iPhone/iPad through the supplied standalone docking charger.

Compatible iPod/iPhone/iPad

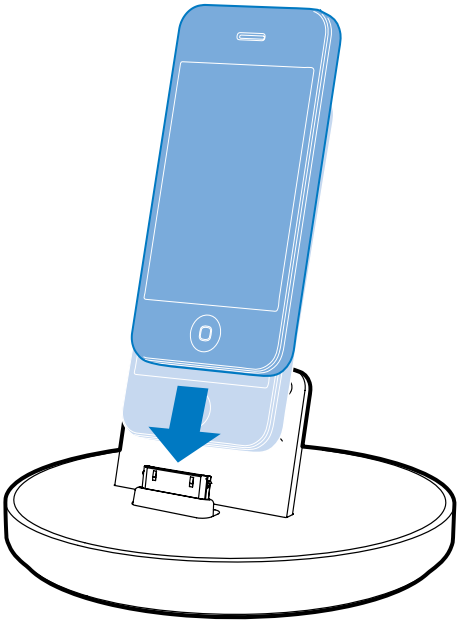
The docking charger supports the following iPod, iPhone and iPad models.
Made for

- iPad 2
- iPad
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone
- iPod classic
- iPod 5G
- iPod 4G
- iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)
- iPod touch (1st, 2nd, 3rd, and 4th generation)
- iPod mini

Note

- iPod with color display, iPod classic, and iPod with video are not compatible with dock charging.

Load the iPod/iPhone/iPad



- Place the iPod/iPhone/iPad in the docking charger.
- The docked iPod/iPhone/iPad begins to charge as soon as the docking charger is connected to AC power.

To remove the iPod/iPhone/iPad

- Pull the iPod/iPhone/iPad out of the docking charger.

6 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Amplifier

Rated Output Power	2X50 W RMS
Frequency Response	20 - 20000 Hz, -3dB
Signal to Noise Ratio	> 90 dB
Aux Input (MP3 link)	1 V RMS 20 kohm

Speakers

Speaker Impedance	8 ohm
Speaker Driver	130 mm woofer + 19 mm tweeter
Sensitivity	> 85 dB/m/W

General information

AC power	WiFi SoundSphere speakers: 100-240V~, 50/60Hz Standalone docking charger: Model: ASSA28-050200 Input: 100-240V~50/60Hz 0.45A Output: 5.0V ⎓ 2000mA
Operation Power Consumption	22 W
Eco Standby Power Consumption	< 0.5 W
Dimensions - Main Unit	265 in diameter x 410 mm
Weight - With Packing - Main Unit	14.5 kg 12 kg

7 Troubleshooting

Warning

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.
If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/welcome). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

No power

- Make sure that the AC power plug of the device is connected properly.
- Make sure that there is power at the AC outlet.

No sound

- Adjust the volume.
- Check the network connection. Set up the network again if needed (see 'Set up a Wi-Fi network (router)').

No response from the SoundSphere speakers

- Press and hold ⏻ on the back of the main speaker to reset the device. Set up the network again (see 'Set up a Wi-Fi network (router)').
- Disconnect and reconnect the AC power plug, then switch on the device again.

Wi-Fi network connection failed

- Check if your Wi-Fi router is Wi-Fi certified. This device is only compatible with Wi-Fi certified routers.
- This device does not support WPS-Pin routers.
- This device does not support all WPS-PBC routers (see the user manual of your router).
- Enable SSID broadcast on the Wi-Fi router.
- Avoid using Wi-Fi channel which is using or much overlapped by the nearby Wi-Fi network.
- Keep away from potential sources of interference which may affect Wi-Fi signal, such as microwave ovens.
- If you fail to use your PC for Wi-Fi network setup, check whether your PC is using a Wi-Fi network. You cannot use Ethernet connection for AirPlay network setup. If the problem remains, it is strongly recommended to use iPod Touch/iPhone/iPad/Mac to do the first-time Wi-Fi setup as some PC settings may affect the Wi-Fi network setup.
- Make sure that the SSID name of your home router consists of normal characters or digits, with no space or special characters like %/#/* inserted.
- If you choose to rename the AirPlay device '**Philips_Fidelio XXXX**' in the setting menu, do not use special characters or symbols.
- If you fail to get connected via WPS, make sure that you are using a WPS certified router. If the problem remains, do not use the default SSID name for your WPS router. The default SSID name may involve security protection that leads to connection failure. Use simple characters or digits only to rename your WPS router.

Occasional breaking of AirPlay music streaming

Do one or all of the following:

- Enable the Auto Channel Scan option (if available on the Wi-Fi router).
- Enable the Wireless Intelligent Stream Handling (WISH) option (if available on the Wi-Fi router).
- Enable the Quality of Service (QoS) option (if available on the Wi-Fi router).
- Turn off other home routers.

No AirPlay icon on Apple AirPlay device or iTunes in my PC

- Make sure that the SoundSphere speakers have already joined the AirPlay network.
- Before you open iTunes, make sure that you have enabled Bonjour service in your PC. Take Windows XP for example: to enable the service, you can click **Start**->**Settings**->**Control Panel**, and double-click **Administrative Tools**-> **Services**->**Bonjour Service**, then click **Start** followed by **OK** on the pop-up menu.
- If the problem remains, try to restart the SoundSphere speakers.

AirPlay connection failed with Mac or PC

- Disable the firewalls software and security software, which may block ports that AirPlay uses to stream content.
- Check if your network speed is fast enough (in cases where multiple devices share the same router, the AirPlay performance may be affected). Turn off the other devices connected to your home router.
- In case of audio streaming break or disconnection when you use iPod Touch/iPhone/iPad/iMac/PC for AirPlay, restart your iPod Touch/iPhone/iPad, iTunes or DS9800W.
- Browsing Internet content like news, music, video and etc. via your home router may affect the AirPlay performance. In case of AirPlay break or disconnection, it is recommended to stop any Internet surfing or disconnect from the Internet.

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